



2616  
Jm

Attorney Docket No.: NVID-P000048

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Patent**

In re Application of:

Inventor(s): van Welzen et al.

Serial No.: 09/994,428

Examiner: Jones, H.

Filed: 11/26/01

Art Unit: 2616

For: METHOD AND SYSTEM FOR DVD SMOOTH SEARCH TRANSITIONS

Patent No.:

Issued Date:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST  
(REVOCATION OF PRIOR POWERS)**

As assignee of record of the entire interest of the above identified

☒ application,  
☐ patent,

**REVOCATION OF PRIOR POWERS OF ATTORNEY**

☒ I hereby revoke all previous powers of attorney given in the above-identified application/patent.

**NEW POWER OF ATTORNEY**

☒ I hereby appoint the practitioners associated with the customer Number: 45594

☒ Please change the correspondence address for the above-identified application to:

The address associated with Customer Number: : 45594

I am the:

☒ Assignee of record of the entire interest. *Statement under 37 CFR 3.73(b) is below.*

**CERTIFICATE UNDER 37 CFR 3.73(b)**

NVIDIA CORPORATION., a Delaware corporation, certifies that it is the assignee of the entire right, title and interest in the patent identified above by virtue of:

☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in The United States Patent and Trademark Office at

Reel 012854 . Frame 01473 .

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application/patent identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/21/06  
Date

Joseph A. Vo  
Signature

Joseph A. Vo, Reg. No. 43,971  
Typed or Printed Name

Patent Counsel  
Title



Docket No.: NVID-P000048  
Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: van Welzen et al.

Serial No.: 09/994,428

Filing Date: 11/26/01

For: METHOD AND SYSTEM FOR DVD SMOOTH SEARCH TRANSITIONS

CERTIFICATE UNDER 37 CFR 3.73(b)

NVIDIA, a corporation, certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

☒ An assignment from the inventor(s) of the patent application identified above. A copy of the assignment is attached.

☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignees as shown below:

1. From: \_\_\_\_\_

To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel: \_\_\_\_\_, Frame: \_\_\_\_\_, or for which a copy thereof  
is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel: \_\_\_\_\_, Frame: \_\_\_\_\_, or for which a copy thereof  
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3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the Patent and Trademark Office at  
Reel: \_\_\_\_\_, Frame: \_\_\_\_\_, or for which a copy thereof  
is attached.

☐ Additional documents in the chain of title are listed on a  
supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned (whose title is supplied below) avers that the undersigned is empowered to sign this certificate on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

7/21/06  
Date

Joseph A. Vo  
Signature

Joseph A. Vo Reg. No. 43,971  
Typed or Printed Name

Patent Counsel  
Title



UNITED STATES  
PATENT AND  
TRADEMARK OFFICE

JUL 1 2002

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JULY 05, 2002

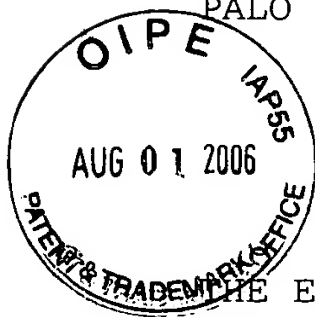
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Under Secretary of Commerce For Intellectual Property and  
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SAWYER LAW GROUP LLP  
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PALO ALTO, CA 94303



\*102080378A\*



UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 04/29/2002

REEL/FRAME: 012854/0143  
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

VAN WELZAN, JAMES LEWIS

DOC DATE: 04/16/2002

ASSIGNOR:

FALARDEAU, BRIAN DENNIS

DOC DATE: 04/15/2002

ASSIGNOR:

WHITE, JONATHAN BARTON

DOC DATE: 04/16/2002

ASSIGNEE:

NVIDIA CORPORATION  
2701 SAN TOMAS EXPWY.  
SANTA CLARA, CALIFORNIA 95050

SERIAL NUMBER: 09994428  
PATENT NUMBER:

FILING DATE: 11/26/2001  
ISSUE DATE:

012854/0143 PAGE 2

JEEVON JONES, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

RECORDATION FORM COVER SHEET  
PATENTS ONLY



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18/2302P



merce  
Office

102080378

To the Assistant Commissioner of Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

James Lewis van Welzen  
Brian Dennis Falardeau  
Jonathan Barton White

4-29-02

Additional name(s) of conveying  
party(ies) attached ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: **NVIDIA Corporation**  
Street Address: **2701 San Tomas Expwy.**  
City: **Santa Clara, State: CA ZIP: 95050**

Additional name(s) & address(es) attached?  
☐ Yes ☒ No

3. Nature of conveyance:

Execution Date(s): April 16, 2002, April 15, 2002,  
and April 16, 2002.

☒ Assignment (with signatures in counterpart).

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
**09/994,428 filed Nov. 26, 2001**

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom  
correspondence concerning document  
should be mailed:

Name: **Joseph A. Sawyer, Jr.**  
Internal  
Address: **Sawyer Law Group LLP**  
Street  
Address: **P.O. Box 51418**  
**Palo Alto, California 94303**

6. Total Number of applications and patents  
involved: **One**

7. Total fee (37 CFR 3.41).....\$ **40.00**  
☐ Enclosed

☒ Authorized to be charged to  
deposit account

8. Deposit Account No.: **02-2120 (Sawyer Law Group LLP)**  
(Attach copy of this page)

05/06/2002 TDIAZ1 00000212 022120 09994428

01 FC:581 40.00 CH

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any  
attached copy is a true copy of the original document.

4-17-02  
Date

Stephen G. Sullivan

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **James Lewis van Welzen, Brian Dennis Falardeau and Jonathan Barton White** do hereby sell, assign, and transfer unto **IVIDIA Corporation**, a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at **2701 San Tomas Expressway, Santa Clara, CA 95050** ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

[ ] which has been executed by the undersigned concurrently herewith,

[X] which was filed on November 26, 2001, and assigned Serial No. 09/994,428,

and is entitled:

**METHOD AND SYSTEM FOR DVD SMOOTH SEARCH TRANSITIONS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signed:

James Lewis van Welzen: James Lewis van Welzen

Date: 4/16/02

Brian Dennis Falardeau: \_\_\_\_\_

Date: \_\_\_\_\_

Jonathan Barton White: \_\_\_\_\_

Date: \_\_\_\_\_



**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **James Lewis van Welzen, Brian Dennis Falardeau and Jonathan Barton White** do hereby sell, assign, and transfer unto **NVIDIA Corporation**, a corporation organized and existing under the laws of the State of Delaware, having a principal place of business at **2701 San Tomas Expressway, Santa Clara, CA 95050** ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

☐ which has been executed by the undersigned concurrently herewith.

☒ which was filed on November 26, 2001, and assigned Serial No. 09/994,428,

and is entitled:

**METHOD AND SYSTEM FOR DVD SMOOTH SEARCH TRANSITIONS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signed:

James Lewis van Welzen: \_\_\_\_\_

Date: \_\_\_\_\_

Brian Dennis Falardeau: B. D. Falardeau

Date: 4/15/2002

Jonathan Barton White: \_\_\_\_\_

Date: \_\_\_\_\_

**ASSIGNMENT**

For good and valuable consideration, the receipt of which is hereby acknowledged, I/We, the undersigned, **James Lewis van Welzen, Brian Dennis Falardeau and Jonathan Barton White** do hereby sell, assign, and transfer unto **NVIDIA Corporation**, a corporation organized and existing under the laws of the State of **Delaware**, having a principal place of business at **2701 San Tomas Expressway, Santa Clara, CA 95050** ("Assignee"), its successors, assigns, and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent,

[ ] which has been executed by the undersigned concurrently herewith,

[X] which was filed on November 26, 2001, and assigned Serial No. 09/994,428.

and is entitled:

**METHOD AND SYSTEM FOR DVD SMOOTH SEARCH TRANSITIONS**

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application; and

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Signed:

James Lewis van Welzen: \_\_\_\_\_

Date: \_\_\_\_\_

Brian Dennis Falardeau: \_\_\_\_\_

Date: \_\_\_\_\_

Jonathan Barton White: 

Date: 4/16/2002